

VENONA
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U.S.S.R.

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CIPHER FOR "ANDERSON" TO BE MODELLED ON THAT USED BY "BERNS" (1942)

From: MOSCOW

To: STOCKHOLM

No: 223

25 Mar. 42

To AKLSTO(1).

The cipher for "ANDERSON" (ii) is made up on the principle of "BERNS" (iii) cipher: the primary encrypted text is in Swedish using the 26 letters of the Latin alphabet. At the end of the code table [B] there are two punctuation marks (full-stop and comma) as well as a word separator. The three digits appearing over the fifth, seventh and tenth letters of the keyword [a] are used for the diacritics. To generate the key [b] the letters from the novel [KNIGA] [c] are substituted only by the monograms at the heads of the columns. The key starts at the [B] first letter of the word used as the keyword.

The first indicator is added to the second group from the beginning multiplied by seven [d]. It is put at the fifth position from the beginning of the telegram. The second indicator is added to the third group from the end multiplied by nine [d]. It is put at the seventh position from the end. The service group [e] is added to the last group of the telegram and put at the end of the telegram.

The novel [KNIGA] [c] CUISLING HA... [d] [e]
[16 groups unrecoverable]

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from 1 to 73, ANDERSON from 71 [to][f] the end. All the Swedish and Norwegian letters with disacritical marks in the novel or the telegram are treated as ordinary Latin letters. It is not possible to obtain a simpler cipher.

No. 2989

LANOV[iv]

[1 group unidentified][g] March 1942

Notes: [a] i.e. of the mononome-dinome table.

[b]

[c] KNIG: literally "book"; "novel" is the cryptological term for a book of any description used for generating key.

[d] Probably non-carrying multiplication.

[e] Service group [SLUZHEBNAYA GRUPPA]; generally used of a group containing external message data, such as date and group count.

[f] Inserted by translator.

[g] 24th or 25th March.

Comments: [i] AKASTO : Col. N. I. NIKITUSHEV, Soviet Military attaché in STOCKHOLM.

[ii] ANDERSON : Unidentified cover-name. See also STOCKHOLM's No. 1588 of 24th July 1942 (Y/NBP/T1687) and MOSCOW's No. 718 of 30th September 1942 (Y/NBP/T1685).

[iii] BERNS : Unidentified cover-name. See also MOSCOW's No. 93 of 13th October 1941 (Y/NBP/T1685).

[iv] LANOV : Col. BALZENKO of the Special Communications Division of the GRU.

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